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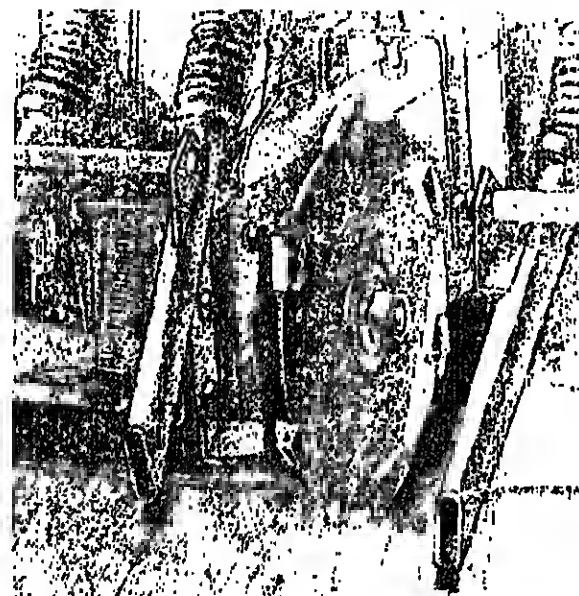
Face it! Renovating your rangeland grasses by interseeding a legume would increase your forage yield and let you pasture more cows on the same acreage. It's a sure route to boosting beef profits.

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seed boots. Then the falling soil creates a light mulch over the seed, helping provide an environment that aids germination. Seeding depth is regulated by adjustable skid shoes on each 2-row seeding unit.

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### Comments

Nevada rancher Rulon Brown sent us a copy of an editorial that appeared in The El Paso Times. "The cattle crunch," it began. "There is a crisis in the cattle industry and it is affecting everyone including the consumer, the meat packer, the feedlot owner and the cattle rancher. It is especially pronounced in the Mountain West, from the El Paso area up into Montana."

"Consumers are hit in the wallet when they go to the supermarket. Beef prices, like other grocery prices, have increased with inflation. As a result, per capita consumption of beef is down; the public is opting for pork, chicken and other alternatives."

"Meat packers believe that, considering growing labor costs and increasing machinery and parts expenses, the prices they pass on to retailers are fair. The packers, along with many feedlot owners and cattle raisers, contend that supermarket chains are most responsible for today's higher beef prices. Meanwhile, supermarket chains claim minimum profit margins."

The editorial went on to mention that two of the region's largest meat packing firms had closed down, one because of bankruptcy, the other having sold out to a Midwestern packer and then being moved to the Texas Panhandle to get closer to supplies and to reduce labor costs. It pointed out that the closing of these two packers eliminated something like 1,000 area jobs.

"The trickle-down effects of these layoffs cannot be understated in terms of negative economic effects on their respective areas," the editorial said.

Although we suppose you can't consider El Paso a Western Cowtown anymore, still this city serves a large livestock area, one of which we'll be visiting with our Southwest Ranch Study Tour starting with registration Oct. 11 at the Rodeway Inn in El Paso.

The editors of The El Paso Times are concerned with the problems of the cattleman. They finish, "If current conditions persist for several decades, truly good beef may be hard to find, and supermarket meat prices may be so high that the average family will forget how a steak or hamburger tastes. Unfortunately, this is already true in some households."

## Stockmen bid to lift ban on 1080

By MARTHA WILLIAMS  
and CAROLYN J. THURST

Three days of hearings last week on the use of compound 1080 to control coyotes drew heated debate between ranchers and stockgrowers, and environmentalists that often centered more on the basic economics of raising livestock than on the specific issue of an emergency approval of use of the compound, possibly only in collars worn by sheep and goats that the predator would have to puncture.

Hearings, two days in Denver, and one day in Washington, D.C., were called by the Environmental Protection Agency, in response to stockgrowers' requests to reconsider the 1972 ban on the poison they see as the most effective and cost efficient way to control growing losses. Loss estimates for 1979 ran about \$100 million, and estimates are losses now are approaching the \$200 million mark. Environmentalists

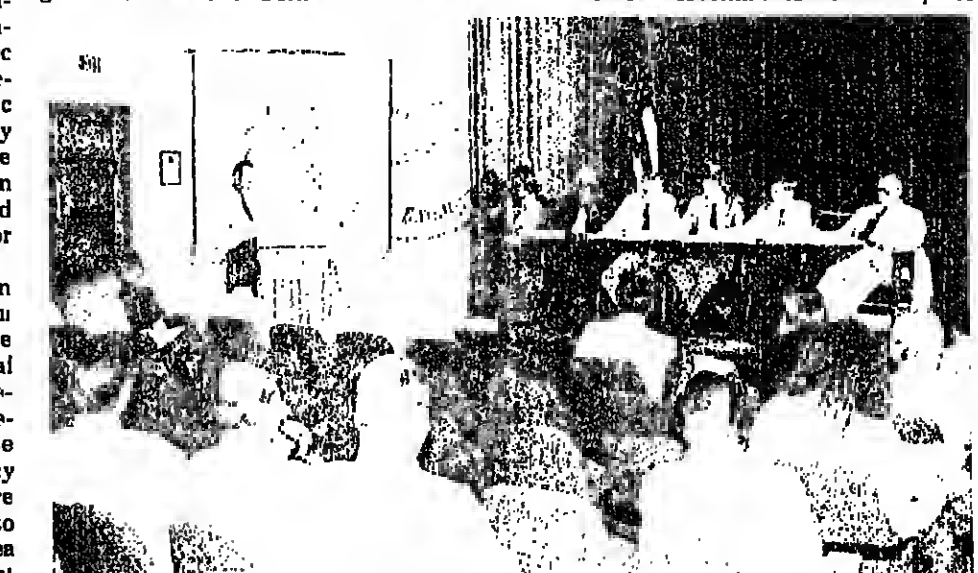
claim the losses are exaggerated because they can be taken as a casualty loss tax deduction. Although the coyote situation seems to present a bigger threat to sheep-growers, National Cattle-

men's Assn. President Bill Swan pointed out that "because of coyote predation, sheep and goat production is prohibited in many suitable areas of the U.S. where sheep and goats could be utilized to control brush and other undesirable plants, in order to improve cattle ranges."

Swan told the five-member panel in charge of the informal hearings that "use of toxic chemicals is essential for an adequate animal damage control program, and at present the safest, most effective and most efficient method of reducing coyote population, to benefit livestock production, is the use of 1080-treated baits," during the winter season.

According to testimony by Jack Griebel of the Colorado Division of Wildlife, 1080 has had 25 years of use prior to 1975 with no known fatalities or human problems. It was banned because there appeared to be evidence that it was a so-called secondary killer, remaining in the food chain and killing non-predatory wildlife such as eagles, raccoons, and badgers.

EPA will have to decide whether the three days of "informal" hearings should lead to official hearings that could render a decision to exempt 1080 from its present ban under specific emergency conditions. Indications are that interest and controversy will result in formal hearings.



**PREDATOR CONTROL PLEA**—Don Minko, chairman of the board of the National Woolgrowers Assn. (podium) testified in Denver before a five member panel considering the need for formal hearings to consider emergency registration and use of compound 1080 to control coyote predation of livestock.

### Task force report:

## PS&A submits changes to bouy cattle trade

A final report prepared by a packers and stockyards administration task force has recommended several changes in regulations designed to reduce their burden on the livestock, meat and poultry industries.

tomers then are allowed to redeem the points they have accumulated for prices in a gift catalog.

The task force recommended that livestock dealers and market agencies whose annual livestock business exceeds \$500,000 be required to propose a minimum surety bond of \$10,000. Under current regulations, all dealers and market agencies are required to post a \$5,000 bond if their livestock business is less than \$500,000 per year.

## Brite to mark 96th year when WLJ tour visits

The Brite Ranch will be celebrating its 96th year of continuous family operation when the WLJ tour visits the ranch as the first leg Oct. 12 on the Southwest Ranch Study Tour. The James E. White family will be our tour hosts and it was Mrs. Jane White's grandfather who first established the ranch and in the early 1900's founded a closed herd of registered Herefords that continues today. After a lunch served

(Continued on page 11)

# WESTERN LIVESTOCK JOURNAL

A CROW PUBLICATION

News • Trends • Sales • Shows • Markets

August 10, 1981

Central Edition

Vol. 66, No. 41

### Event set for Boise:

## Western Beef Symposium to focus on 'roadblocks to calf profits'

The various "Roadblocks to Calf Profits" caused by "stress" will be the theme of the Third Annual Western Beef Symposium according to J.D. Mankin, program committee chairman and animal science specialist with the University of Idaho's Cooperative Extension Service.

The symposium will be at the Red Lion Riverside Motor Inn, Boise, on Oct. 28 and 29, 1981.

J.D. Mankin will open with "Where Are We Now?" A lot of ground has been covered in the first two symposiums and Mankin is

of the opinion more can be built on the past symposia to provide still more management opportunities.

Dr. Bartley P. Cardon, dean, College of Agriculture, University of Arizona, Tucson, subject will be "What are the Roadblocks?" He has seen cattle under stress all over the world. Most of this stress has been by humans and their failure to understand stress.

"Weather—What Can You Do About It?" will be presented by Dr. David Ames, animal scientist, Kansas State University,

Manhattan. Dr. Ames will show the impact of climatic stress on cattle performance and approaches for dealing with adverse weather.

"Middle Management—Make Ends Meet" is the subject of Dr. Richard Bull, animal scientist, University of Idaho, Moscow. He will discuss the effects of a maternal nutrient deficiency and cold stress of the calf on calf survival and reproductive performance.

"Competing for the Protein Dollar" is the subject of the luncheon speaker, Donald Oetensoe, executive

(Continued on page 11)

## Liberalized MDM regs draw praise, barbs

Two meat industry organizations said they generally applauded the mechanically deboned meat regulation changes proposed by USDA, but those changes were strongly condemned by a major consumer group.

USDA unveiled a proposal July 30, that would liberalize composition and labeling requirements for mechanically deboned meat—a product known officially under current regulations as mechanically processed species (beef, pork or veal) product.

Two meat industry trade groups, the American Meat Institute and the Pacific Coast Meat Assn., in February, petitioned USDA to make many of the changes included in that

proposal. "While MDM proposal does not incorporate all recommendations in our petition, we believe USDA has made a major step in proposing regulations that will encourage the production and marketing of a nutritious, wholesome meat product from which processed meat products are manufactured," the two groups said in a joint statement.

AMI and PCMA said the fish and poultry industries have made use of mechanically deboned products for years. Implementing the mechanical deboning process in the meat industry would recover millions of pounds of additional meat for consumer purchase, the groups said.

However, the Community Nutrition Institute, a group that has been involved with past litigation involving MDM regulations, said the proposal, if adopted, would deceive consumers as to the true nature and quality of processed meat products containing MPSP.

According to CNI consumer division director Ellen Haas, the "deception" embodied by the proposal would lead directly to greater intake of fluoride, strontium-90 and other hazardous elements.

Haas said AMI and PCMA had petitioned USDA for changes in MDM standards based on the assertion that current labeling requirements for the product would discourage consumers from purchasing the product.

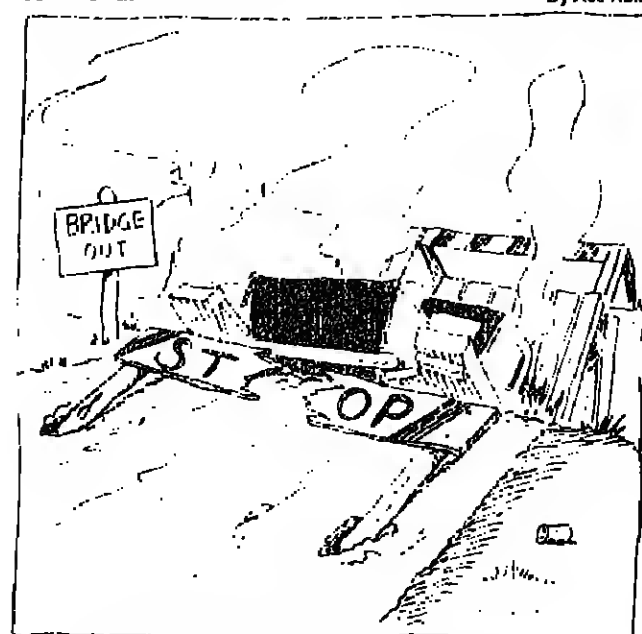
"If the label is a disincentive (for consumers), it's only because it makes consumers aware of the lower-quality ingredients that have been added to the products containing MPSP, not because government had drawn a big red 'X' across the label."

NEWSPAPER (priority handling)

NEWSPAPER (priority handling)

WJL 12/10





"How in the world could I have known this bridge wuz weak?"

## Ag economist says consider transmission line avoidance

Transmission towers cause both inconvenience and increased production costs due to actions taken to avoid them. These avoidance costs rise from farmers having to work around the transmission towers and will usually increase each year as production costs increase, reports a North Dakota State University ag economist.

"It is very important to a land owner that he receives a proper easement payment which will pay for all transmission line avoidance costs for present and future years," says William Nelson, agricultural economist at North Dakota State University, Fargo.

"According to North Dakota state law regulating electrical transmission lines, a land owner now has the option of receiving either a single sum easement payment or payments in annual installments over a determined number of years," Nelson explains.

The payment, either single sum or annual, should be large enough to cover all avoidance costs incurred by a farmer.

The problem with a one-time payment is that production costs may increase more rapidly than expected, thus not covering avoidance costs in future years.

Avoidance costs are affected by both the farm machine width and the tower width. Research at NDSU showed that the total annual avoidance cost per tower was \$41.16 when using machinery which ranged from 21 to 60 ft. wide and avoiding transmission towers which had a 40 ft. square based with 2 1/2 ft. of clearance on each side. Machinery in that range represents a fairly typical farming operation.

If the total annual avoidance costs per tower were \$41.16 and remained at that cost for a tower life of 50 years, the required single sum payment to pay for costs to avoid the tower at 6% rate of return is \$608.53. This means that if the land owner received an easement payment of \$608.53 and he invested it at 8% interest, he could withdraw \$41.16 to pay annual avoidance costs each year for 49 years and in the 50th year he would have a balance of \$41.16 left to pay for the last avoidance cost payment. If the interest rate were only 4%, the easement payment would have to be \$884.21 to cover all avoidance costs. At 0% interest, an easement payment of \$2065.53 (50 years x \$41.16 = \$2,058) is needed. "The interest rate is a more significant factor than the machinery width in determining the compensation required to offset future avoidance costs," Nelson comments.

"Although the easement payment for towers at one time wasn't large, utility companies now pay substantially higher rates and pay not only for the land under the tower but for the entire corridor of land," Nelson says. Nelson believes that the value of avoidance costs relative to market values of the

corridor are reasonably close and that the payment on the basis of market value of land seems to be a good alternative in avoidance costs. The following example illustrates this relationship.

Suppose a farmer has avoidance costs of \$41.16 per year per tower and he has five towers on his land. Avoidance costs per year total about \$200 for all five towers. The towers will be on his land for 50 years and he will have to avoid them for that period. If the rate of return he can get by investing a lump sum easement payment is the same as or equal to the rate of increase in costs of agricultural production each year, the single sum payment needed will be \$10,000 (\$200 x 50 years = \$10,000). The \$10,000 will cover all avoidance costs for 50 years only if the interest rate and the rate of increase of production costs are equal.

The single-sum easement payment based on avoidance costs is not close to the market value of land if rates are unequal. Suppose production costs rise at a 6% rate and the rate of return is only 4% each year for 50 years. Avoidance costs for the first year will be \$200 and will increase to \$9,390 in the 50th year. Instead of a \$10,000 easement payment, the one time payment needed to generate sufficient annual revenue to pay for these future avoidance costs is \$71,070. But if the production costs rise at a 4% rate and the rate of return on investments is 8% for 50 years, the easement payment will only need to be \$4,206 to cover future avoidance costs.

The single-sum easement payment used to compensate the landowner is much more sensitive to differences between the rates is the major factor in determining a fair single-sum easement payment when an avoidance cost basis is used. It is also very difficult as it requires projection of rates of return and avoidance costs over a 50-year period. The assumption of equality between the rate of increase in production costs and rate of return on investment may

**TAX TALK** — Bill Jones, vice president of policy development for the National Cattlemen's Assn., outlined options with possibilities of upcoming tax reform legislation and discussed the American National CowBelles (ANCB) role in helping NCA achieve legislative reform, during a ANCB's recent mid-year meeting in Denver. (Staff photo by Martha Williams)

## Economists find no grounds for packer monopoly charges

Several studies of the U.S. packing industry have shown there is no evidence indicating a monopoly in beef packing, according to Clemant Ward, Oklahoma State University extension economist.

Ward told the Kansas Livestock Assn. annual cattle feeders conference the monopoly allegations have come from cattle feeders, congressmen and university economists, many times when cattle feeders are losing money.

Another criticism of the industry has been the use of the National Provisioner for formula pricing because of the possibility of price manipulation and questions about how representative the printed prices are of actual trade, he said.

Formula prices are generated from a price quoted on the Provisioner that is based on 5 to 10% of the carcasses traded, Ward said. Any error would have

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## Sulphur deficient crop land spells double trouble for cattle producers

Sulphur-deficient crop soils can mean double trouble on livestock farms, reports Dr. Sim Tisdale of The Sulphur Institute.

Most farmers are aware that sulphur deficiencies are becoming widespread on North American farm land, Tisdale says. Less known, however, is that this deficiency eventually limits production in ruminant animals.

Like crops, ruminants such as dairy cattle, beef cattle and sheep need sulphur in their diet. Tisdale concedes that considerably more sulphur research is needed in the field of animal nutrition, but preliminary findings in North America and abroad suggest that fertilizing crops and pastures with sulphur is a superior method to adding dietary supplements of this vital nutrient—at least as far as dry-matter intake is concerned. Tisdale says this is probably due to the increased palatability of the forage resulting from sulphur fertilization.

"Research" throughout the U.S. and in Australia, Ireland and other places conclusively has shown that one can increase milk, meat and wool production by making sure there is an adequate level of sulphur in the diet," Tisdale claims.

"In each case, the increase came about by fertilizing pastures or forage crops with sulphur."

Tisdale says that sulphur can increase Vitamin A content in alfalfa, raise the chlorophyll content of clover, boost protein content of legumes and grasses, decrease nitrogen-sulphur ratios, reduce nonprotein nitrogen and nitrate content of grasses and improve quality of alfalfa.

In ruminants, sulphur plays an integral role in starch and cellulose digestion, urea utilization, protein synthesis, and microbial gas production. Without sufficient levels of the nutrient, ruminants cannot use feed efficiently or meet expected levels of production.

The importance of sulphur in agriculture is by no means new, Tisdale says. However, the nutrient has received more attention lately because soils throughout the U.S. and Canada are rapidly becoming sulphur deficient.

Two decades ago, sulphur deficient soils had been identified in 13 states, he says. Today the number is up to 38, and every Canadian province from Ontario west has reported deficiencies of the nutrient.

According to Tisdale, sulphur deficiencies have spread for three main reasons: 1) loss of atmospheric sulphur due to air-pollution control regulations; 2) increased use of high-analysis NPK fertilizers, which contain little or no sulphur; and 3) higher yields and intensive land use, which naturally deplete soil sulphur reserves.

Sulphur-deficient crop soils are especially common on livestock farms, Tisdale explains, because most of the land is reserved for hay and forage-crop production. "More sulphur is removed from the soil when the entire plant is not just the

## Broilers to offset decline in hogs, speaker predicts

Broiler production will increase 3 to 5% in the next five years and will offset any decrease in hog production, according to Frank Wollney, marketing manager for Wayne Farms, a division of Allied Mills, Inc.

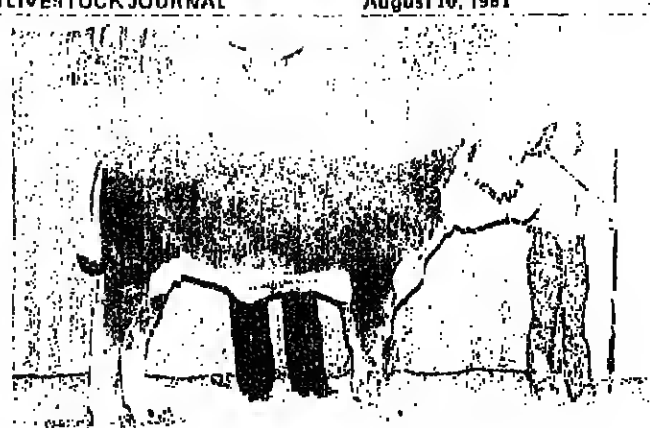
If the next USDA Hogs and Pigs Report, to be released today (June 22) shows a decline in pork production, the poultry industry will readily fill the gap, Wollney told the Livestock Marketing Congress in Minneapolis.

The sluggish economy, which affects consumer meat buying, will allow growth in the broiler industry to increase at the expense of the beef and pork industries, Wollney predicted.

Sales of processed poultry meat products are also expected to increase.

Diet concerns appear to be a major factor in an increase in poultry consumption, Wollney said.

At some fast food restaurants, new chicken items are more expensive than hamburger items, he said.



**BRED AND OWNED**—Christy Collins, Chattanooga, Okla., exhibited the champion bred and owned Hereford female at the Oklahoma 4-H and FFA Junior livestock show in Oklahoma City. CVC L1 Lady Lund 510, sired by LHR L Domino 7635, received an A.I. certificate on L1 Domino 896, donated by Ken Baker's TJ Hereford Ranch, Ringling, Okla. The heifer also was named the first-pleco heifer calf.

## Tax rate change receives approval

The House Ways and Means Committee recently approved a package of tax breaks for small businesses that would cost nearly \$10 billion over the next five years, reports CNS.

The package, which the committee approved by voice vote, included a change in the corporate tax rates.

Currently, corporations with taxable incomes above \$100,000 are taxed at the maximum 46% corporate rate. But the committee agreed to widen the corporate tax brackets, raising the income threshold from the maximum tax rate to \$200,000 by 1983.

The corporate tax rate also would drop from the current range of 17 to 46% to a range of 15 to 43% in 1984. The maximum rate would then continue to drop three percentage points each year.

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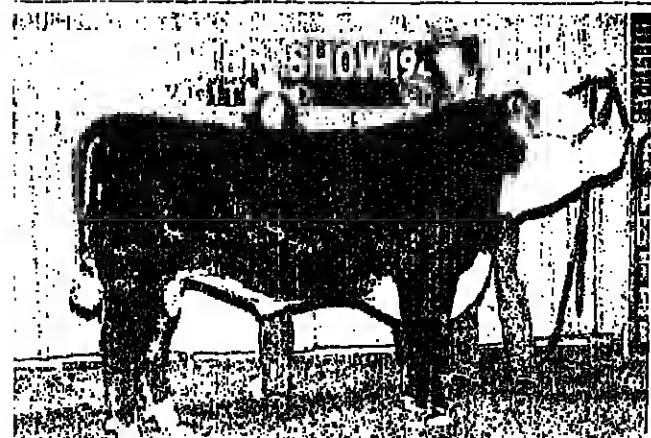
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**JUNIOR CHAMP**—The champion Hereford bull in the junior competition at the North Dakota Winter Show was exhibited by Craig Hagen, Williston, N.D., on SC Montana Doin 865. The April yearling is a son of Montana Domino 77008. Pictured with Hagen is Sandy Oostreich, Hannuwer, 1980-81 North Dakota Hereford Queen.

## Pork producers endorse science panel proposal

The nation's pork producers recently endorsed a proposal for a government panel to review scientific studies by Federal agencies when the results are controversial or have been challenged for their accuracy.

In testimony before the House agriculture subcommittee on department operations, research, and foreign agriculture, Ritchie Jordan of the National Pork Producers Council, said his organization attached the "utmost importance" to H.R. 638, introduced by Representative William Wampler (D-VA).

The NPPC testimony urged modernization of the present food safety laws and greater public and industry recognition of the mishandling of nitrites as an example that must not happen again.

"The nation's pork producers have a vital interest in the legislation being considered at this hearing," he said. "We have had first hand experience and suffered disastrous losses from the mishandling of scientific data."

Jordan cited the "Newberne Study" released by the Food and Drug Administration in 1978 which labeled cured meat products treated with nitrites as carcinogenic only to have

## USDA develops pilot program to fight pseudorabies

USDA said recently it is developing plans for pilot projects to help determine the best methods to control and eradicate pseudorabies.

Reports CNS, USDA also will develop a way to monitor the disease status of feeder pigs in interstate commerce.

The pilot program proposal follows a request by the Livestock Conservation Institute for USDA's standards for a cooperative state-federal control and eradication program; USDA said.

A recent USDA survey showed that 8.30% of hogs tested at slaughter were positive for pseudorabies, a sharp increase from 0.56% reported in 1974 and 8.73% in a 1977-79 survey.

Although an increase in vaccination may account for some of the positive tests, USDA said it believed the number of pseudorabies is increasing.

Pseudorabies is also known as Swine vesicular disease, a viral disease that causes sores in the mouth and on the feet.

those findings reversed in 1980.

"During the two years that the cloud of carcinogenicity hovered over the cured meat products, especially bacon, the pork industry lost hundreds of millions, perhaps a billion or more dollars because of the depressing effect on the consumption of these pork products," Jordan stated.

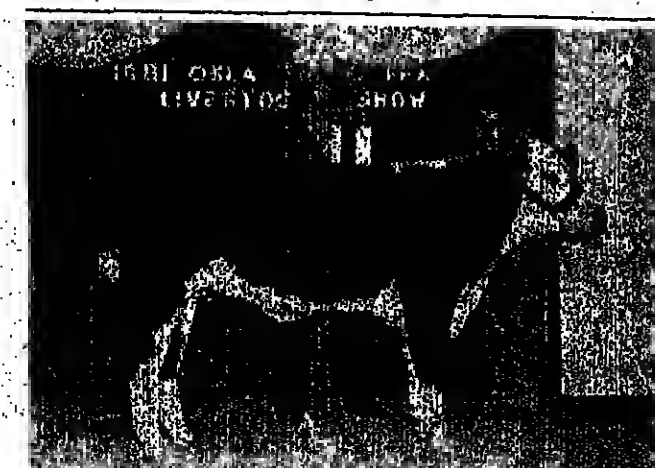
He said the "peer review" panel proposed by Representative Wampler would allow for a purely technical review of a study's findings and that the decision of the scientific group should be binding on the agency which conducted the study or experiments.

In addition, Jordan continued, "The present body of safety laws are outmoded, inflexible, inconsistent, and a cause of erosion of consumer confidence in our food system."

Furthermore Jordan pointed out that the Delaney clause of the Food, Drug and Cosmetic Act, and the Federal Meat and Poultry Inspection Act need amending to include consideration of both health benefits and health risks in food safety policy.

Jordan also called for one change in the legislation. He said the review panel should be made up of scientists from federal agencies including the Food and Drug Administration, Agriculture Department, Environmental Protection Agency, Occupational Safety and Health Administration, Consumer Product Safety Commission and the National Cancer Institute.

He said each agency would be represented by a senior scientist with a small staff with their duties limited to the work of this interagency council.



**OKLAHOMA SHOWMAN**—Shawn Smith, Hammon, Okla., was named the champion Hereford showman at the Oklahoma 4-H and FFA Junior Livestock Show in Oklahoma City. She will be Oklahoma's representative in the national Junior Hereford showmanship contest at the American Hereford Exposition to be held August 10-12 in Rapid City, S.D.

## Hallett says October grade proposal likely

There is enough momentum in the cattle industry for a change in beef grading standards that USDA will be considering a proposal, according to David Hallett, chief of USDA's Meat Grading.

Reports CNS, the USDA grading change proposal is not expected before early October because of the research involved, Hallett told the annual Kansas Livestock Assn. Cattle Feeders Conference. After the proposal is approved by USDA, it will be sent to the Office of Management and Budget for a 90-day clearance period, he said.

There also is a possibility for changes in yield grading that would allow packers to trim some external fat on the dressing floor, Hallett said. A change in yield grading would be incorporated in a quality grading change proposal, he said.

One aspect of the quality grade proposal yet to be decided is whether the contribution of the 0.3-inch fat thickness and only slightly yellow fat color, as suggested by the National

## U.K. revises its meat regulations

The U.K. Ministry of Agriculture has devised a new set of proposals regulating the composition and labeling of most meat products, as part of a plan to standardize this area throughout the European Economic Community by July 1983, the Ministry said recently.

Reports CNS, the proposals submitted to all sectors of the industry for debate will be "simpler" and "more flexible" than the current body of laws, which were established under the Food and Drug Act of 1956, the Ministry said.

Under the proposed plan, compositional standards will be condensed into seven categories instead of 52 types in the current regulations manual.

Meat products with high-volume sales—including canned meats, luncheon meat, beefburgers, sausages and meat pies—will be required to meet a specified minimum meat content, according to the proposals.

All meat products, other than cured meat, will have to carry a declaration of their total meat content. Cured meat products, including ham and bacon, will be required to carry a declaration of any curing solution in excess of a specified amount.

He said each agency would be represented by a senior scientist with a small staff with their duties limited to the work of this interagency council.

Cattlemen's Assn., is worth the problem it could create for meat graders, Hallett said.

The NCA proposal calls for a minimum of 0.3 inch fat over the ribeye at the 12th rib and a fat color no more than slightly yellow while de-emphasizing marbling as a grading criterion. The NCA proposal would allow the top third of the Good grade to qualify as Choice and the top third of the Choice grade to qualify as Prime. The NCA contends the changes will allow leaner beef to qualify for the most-desired Choice grade while reducing producer costs.

The NCA proposal was designed to increase beef's ability to compete with pork and poultry, according to Gene Schroeder, chairman of the NCA grading



**PROMOTED**—Steve Munday was recently promoted by the Texas and Southwestern Cattle Raisers Assn. Munday, former editorial director of The Cattleman Magazine, will be responsible for media and government relations.

committee. Modernizing the grades of beef and have a positive impact on cattle feeding profits, Schroeder said.

However, the change in beef grading will not change the economics of supply and demand, Hallett said. The additional criteria—fat thickness and color—will ensure that cattle have been fed grain, he said.

The proposed changes in beef grading will have no adverse effect on the hotel, restaurant and institutional (HRI) trade, said Mel Solomon, a member of the beef grading committee of the National Assn. of Meat Purveyors (NAMP), which opposes the NCA's proposal.

According to the National Restaurant Assn., Solomon said, 25% of the U.S. beef production is sold through restaurants. If the restaurant industry cannot obtain the kind of beef desired at an economical price, beef untrees will be replaced with other items, he said.

The change in grading in the mid-1970s was partially designed to increase cattle feeding profits, Solomon said. However, it was not successful, he said.

The NAMP believes a lowering of quality standards, to allow more beef to grade Choice, will reduce the palatability and the quality of beef at a time when consumers are turning away from beef, he said.

The HRI industry may have to resort to the use of private graders, Solomon said. Also, the grading

change will erode U.S. beef exports, because of lower quality, he said.

The cattle and beef industries and the government should promote leaner beef rather than change the grading standards, Solomon said.

## Court says O.K. to LTV spin off

The LTV Corp. announced recently that a Federal Court has ruled the firm can spin off Wilson Food Corp. through a stock distribution as planned, an LTV official said.

Reports CNS, the court rejected the claims of some special international bond holders that they were entitled to a portion of the stock distribution without converting the bonds to common stock before the distribution date.

LTV, an \$8-billion-per-year multi-industry firm with holdings that include steel, heavy equipment and ocean shipping, now will proceed with a July 31 stockholders meeting to distribute the Wilson stock. Wilson is a \$2-billion-per-year meat packing and food products firm that had been a wholly owned subsidiary of LTV before LTV announced Wilson would be spun off.

LTV common stock holders will receive one share of Wilson stock for every 10 shares of LTV stock held and LTV special stock holders will receive 1.5 shares of Wilson stock for every 10 shares of special stock held.

## Production may exceed U.S. track capacity, says USDA

Agricultural production in the decade of the 1980s will have to run at full capacity for the first time in decades to meet growing demand for American farm products overseas, but a hitch could develop because of inadequate rail transportation, analysts with USDA warn.

Agricultural economist Patrick M. O'Brien of the USDA's Economics and Statistics Service said volume increases in moving products in the 1980s will be "substantially greater than the record levels of the late 70's"—even as rail track-age continues to shrink because of bankruptcies, abandonments, merger, consolidations and other rail problems.

By 1985, O'Brien predicts the increase in volume of agricultural exports could be as high as 775 million tons, compared to the 560 million tons moved annually in the late 1970s.

## Senate considers bill to ban sugar, salt from lunches

Legislation introduced recently by Senator Clairborne Pell (D-R.I.), would ban the sale of foods containing sugar or added salt to schools participating in the Federal School Lunch Program, reports CNS.

The bill would require all bread items served in schools to be made from whole grains. It also would require schools to plan lunches that are low in salt, fat and sugar content.

And railroads are the key to averting transportation logjams as the nation moves toward being the world's major supplier of food and food of offsetting the trade deficits which characterized the 70's and early 80's, he said.

O'Brien said the total agricultural transportation system's efficiency has increased from the late 1970s but mainly through "more intensive use of existing capacity than system expansion."

In recent years, he said, increased truck and barge traffic have helped take up the slack while the rail system's capacity actually declined.

But the railroads, which account for 3/4 of all agricultural traffic, are the key to moving agricultural products in the future, O'Brien said. Only the railroads can move products in the bulk end at the rate that will be needed.

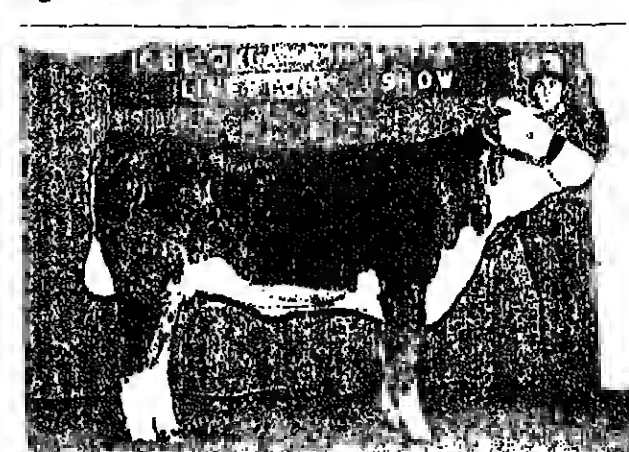
"The 100 million to 150 million ton-mile annual increases needed to raise throughput to the 3.2 million ton-miles likely to be needed by 1985 will depend on expanding the transportation system's overall capacity as well as on maintaining system use at close to full capacity," O'Brien said.

Barge and truck traffic are not likely to expand fast enough to handle the increase and both will be faced with big problems in the future, the agricultural economist said.

Barge traffic, which now accounts for about 25% of

all volume of goods moved, "is likely to fall off substantially due to constraints on inland water systems," he said. These include higher user fees.

And truck traffic, which accounts for over 1/3 of the total volume of agricultural products moved, is also "likely to show in the 80's as fuel costs increase and as



**GENERAL'S DAUGHTER**—Charles Spencer, Jr., Elgin, Okla., exhibited the grand champion Hereford futurity heifer at the Oklahoma 4-H and FFA Junior livestock show in Oklahoma City. The Miss L1 Gen 19, a spring yearling daughter of L1 General C 11, was purchased from T.R. McCalla, Chickasha, Okla. Spencer received a \$1000 check from the Oklahoma Hereford Assn.



**CHAMPION FEMALE**—The champion Hereford female at the Oklahoma 4-H and FFA Junior livestock show, Oklahoma City, was shown by Scott Bulling, Orlando, Okla. His spring yearling entry, JCB Dominette 9436, is a daughter of BB Domino 704.

the current surplus of trucks disappears," O'Brien said. Yet, while railroads have problems, better maintenance and better management of available trackage

## Plan opens new avenues for beef

USDA has proposed new rules governing the ingredients that can be used in liver sausage and braunschweiger in an effort to give processors more options in formulating the products, reports CNS.

Under the proposal, meat processors could make braunschweiger and liver sausage without pork, include fresh or frozen pork in the products, include beef or veal and could use veal livers. Current regulations require the two products to contain some pork.

According to Donald Houston, administrator of USDA's Food Safety and Inspection Service, the proposals would give producers of the two products more ingredient options without altering the basic characteristics of the products.

The elimination of the pork requirement would allow processors to sell braunschweiger or liver sausage products made entirely from beef or veal. The proposal would require products made from only one species to be labeled accordingly—for example, "beef braunschweiger," or "pork liver sausage."

The proposal also would permit the use of beef fat in the products.

should be sufficient to handle the sharp increase in volume—except in certain areas where abandonment or bankruptcies pose special problems, O'Brien said.

And one of those areas is the Great Plains generally, says William W. Gallimore, an agricultural economist who is also with the Economics and Statistics Service of USDA.

"The present transportation system should be adequate for handling the expected increase in grain exports, although ports may be congested," he said.

But, Gallimore added, areas with rail abandonment or lack of access to water transportation will have "more intense problems."

In general, he said, "main rail lines appear adequate with the exception of the Great Plains states served by the Milwaukee and Rock Island Railroads, which are bankrupt."

## Eradication plans effective in Haiti

A formal agreement authorizing a multi-nation effort to eradicate African swine fever in Haiti has been signed by the Haitian government and the International Institute for Co-operation in Agriculture, USDA said.

The eradication program will cost more than \$17 million and require up to two years to complete, USDA said. After eradication of the disease, plans call for the repopulation with hogs.

## Georges Creek Ranch

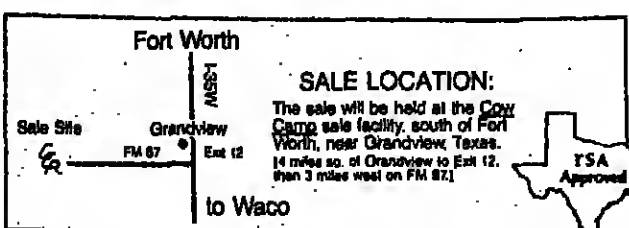
## Purebred Simmental

Total Dispersal Sale  
Sat., Aug. 29 • 11:00 a.m.

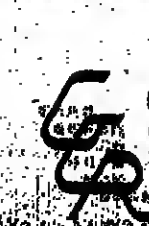
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Yearlings  
Halter Prospects

Broodmares  
Three-In-One Packages  
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Some of the mares selling:

**QUATIE LADY** - 1976 bay mare (Rainy Jet by Jet Charger - Smokey Play by Foul Play) Dam of Halter class winner.

**JAG ON BABY** - 1972 chestnut mare (Jag On by Jaguar - Bonanza Baby by Ed Heller) Show ROM in Western Pleasure with points in Trail and Halter. Youth points in Halter, Showmanship, Trail and Western Horsemanship.

**HAPPY CHAR BAR** - 1968 bay mare (Mr Charge Bar by Super James - Sue Taylor by Ricky Taylor)

**CHERRY BLANTON** - 1969 sorrel mare (Mr Blanton by Lucky Blanton - San Simon Rosey by San Simon)

**DUSTY'S BELLE** - 1971 brown mare (Dusty Deer by Bobby Welmer - Smoot's Wings by Senator McCue) Halter class and Team Roping (leading) class winner.

**BLANTON'S KITTY** - 1972 brown mare (Mr Blanton by Lucky Blanton - Cherry Blanton by Mr Blanton)

**WILMETH'S ROSE** - 1971 red dun mare (Mr Blanton by Lucky Blanton - San Simon Rosey by San Simon)

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10 Livestock Equipment  
11 Livestock Supplies  
12 Livestock Insurance  
13 Livestock Insurance  
14 Livestock Insurance  
15 Livestock Insurance  
16 Livestock Insurance  
17 Livestock Insurance  
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Married, reliable, will accept responsibility. 408/870-2715.  
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**RANCH MANAGER** available. Ranch for myself until 1977 in Colorado and Florida. Manage this Oklahoma ranch since 1979. Increase crop production, raising percentages and yearling weights. 918/482-5718 or 482-5771.  
**LIFETIME EXPERIENCE**. Seeking permanent employment, manager, assistant manager or foreman. Experienced with livestock, irrigation, machinery and budgeting. Resume and top ratings enclosed. Please send employment. J.C. McAllister, 505/861-5615.  
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**RETIRED, MARRIED**, former rancher, 45 years experience all phases, steady, sober, non-smoker. Have hired hundreds should know what you need. Caretaker for good horse and utility with transportation. Tom Byer, 208/877-2785.  
**WORKING MANAGER** lifetime experience with livestock. Former working ranch, cow/calf or yearling operation. Would consider feedlot, seedling, management of all types of equipment. Ralph Johnson, Box 516, Johnson, CO 80643. Phone: 303/587-2805.

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**STEADY, EXPERIENCED** man for working ranch position on Hereford range operation. Good horse plus salary. 2R Hereford Ranch, P.O. Box 216, Santa Rosa, NM 88438. 505/472-3161.  
**AGGRESSIVE WORKING** ranch manager for 1,000 head, central Nevada, cow/calf operation. Looking for man current with modern livestock and farming practices, understanding range cattle. Only hardworking, self-starter need apply. House, utilities, best salary offered. Send resume to: Box 40, Eureka, NV 89318. 702/237-5259.  
**RELIABLE MAN** or couple (no shoot age children) for year around ranch/farm work. Trailer, turntable, medical insurance, plus profit sharing when eligible. Remote location (22 miles from town). Present employees have been with us 7 years but we are growing and need more dependable help. Send references from former employees or call: Dean R. Stephens, 210 E. 1st St., Rich, UT 84710. 801/972-4474.  
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Our client, an integrated southwestern cattle production firm is seeking dedicated candidates with a livestock background and a strong background. Excellent salary and other benefits. For consideration, send resume, salary history, and references to: **LOKEN & ASSOC.** 400 N. Cleveland Ave., Loveland, CO 80537.

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**HELP WANTED 2**  
**WANTED: RETIRED** couple to live on ranch. Nice, 2 bedroom home in exchange for caretaking and law chores. 702/463-3480, evening.

**NEED:** Young family man to manage small cow outfit in northern California. Nice home. Must be experienced. Send resume to: P.O. Box 138, Eureka, CA 95501.

**EXPERIENCED HERDSMAN:** w/older, heavy equipment, hay equipment maintenance. Prefer married men. House, utilities, milk, feed, dental, etc. Good housing. Non-drinker required. Call: 702/825-0518 or write: Bill Kane, Tuscarora, NV 89634.

**MAN WANTED FOR TOP** registered Polled Hereford operation. Good salary, home and insurance. Antonio Mountain Ranch, Jack Farmer, Potomac, California. Phone: 707/763-7637.

**MANAGEMENT TRAINEES** for agri-business company engaged in cattle feeding. Call: Judd McMenigal, 402/307-2600 or send resume to: Judd McMenigal, P.O. Box 10850, Regency Circle, Omaha, NE 68114.

**WANTED:** A working cow herdsman on ranch in northeastern Nevada. No school available. Good housing. Non-drinker required. Call: 702/825-0518 or write: Bill Kane, Tuscarora, NV 89634.

**ELDER, RETIRED** man and wife non-smokers/non-drinkers. To trade out light farm duties in exchange for house rental. Must have knowledge of cattle feeding and care of herd of approximately 50. Call: 702/825-1402.

**MARRIED MAN** for central Nevada, open range, cattle ranch. Will to cook part time. Must be experienced in all phases of cow/calf operation. Send references from former employers. Write Ad Dept. 580 c/o W.L.J.

**HERDSMAN** for small purebred herd. Oversees irrigation, hay, and general working management position. Experience vital, references required. House and utilities furnished. Please send qualifications to 68 Ranch, Rt. 7, Box 1166, Name, ID 85651.

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**RANCH FOREMAN** for Nevada ranch. Must know hay and irrigation, some sprinklers and some grain plus alfalfa hay. Small feedlot. Top salary, house and utilities furnished. Health insurance, school available. Excellent job for the right man. Write Ad Dept. 688 c/o W.L.J.

**YOUNG FAMILY MAN** for about 100 head cattle, 6 horses, 3 acres fruit trees. Pretty, shaded valley, about 1 hour from Los Angeles, 15 minutes from Lancaster Palmdale. 4 seasons. Nice living quarters. Want reliable individual, good permanent position. Salary open. Call: 213/837-4533.

**WORKING MANAGER** lifetime experience with livestock. Former working ranch, cow/calf or yearling operation. Would consider feedlot, seedling, management of all types of equipment. Ralph Johnson, Box 516, Johnson, CO 80643. Phone: 303/587-2805.

**RETIRED, MARRIED**, former rancher, 45 years experience all phases, steady, sober, non-smoker. Have hired hundreds should know what you need. Caretaker for good horse and utility with transportation. Tom Byer, 208/877-2785.

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**CATTLE 5**  
**REGISTERED CHAROLAIS:** 2 heifers, 2 bred cows, 1 with calf at foot. 516/861-1723.  
**LONGHORN BULLS** for sale. HAP MAGEE, Danville, California. 415/837-7228.

**PROJECT CALVES** for sale. Exotic crosses. Good potential. 505/861-1723.  
**REGISTERED, POLLED** Hereford yearling bull. Brookhollow Ranch, Hollister, California. 408/834-3501.

**30, BIG, BEEFY**, Red Brahman bulls. 2 to 3 years old. Pre-season price at \$1,200. 209/382-0320.

**ROPING AND DOGGING** steers. Fresh, Mexican Corrientes, good horns. Fairplay, Colorado. Sonny Rupp, 303/838-2228.

**REGISTERED RED ANGUS** Cows, heifers and bulls. PHONE: 303/886-3559

**60 SANTA GERTRUDIS** crossbred steers for November 18th delivery. \$1,000. Western Nevada. 702/463-3127.

**Need Help?** Qualified people are waiting to contact you.

**BIMMENTAL BULLS AND HEIFERS** Range-ready, performance tested bulls and percentages to pure bred foundation herds available. Six-L Cattle Company. Phone: 815/334-4933 or 934-3817.

**EMBRYO TRANSFER** Registered, Polled Hereford embryos transplanted in your commercial cows. 90 day guaranteed pregnancy. Quality bloodlines, good health, easy breeders. Call: Snider Polled Herefords. Evenings, 209/559-3691.

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**FOR SALE:** 125 young, tall calves cows to start calving September 21st. 100 heifers bred to Longhorn bulls start calving October 1st. Call: Glenn, Rye, CO 81068. 724 7 e.m., 303/489-2341.

**BRAHMAN CATTLE** Registered bulls and cows. All ages, red and gray. Some Polled also F1. L Ber W Lend & Cattle Co. P.O. Box 839 Hollister, CA 95023. PHONE: 408/637-6870 209/722-5577 408/637-0449 503/882-1223

**SMALL ANGUS HERD** Select group of 10, registered Angus cows. Bred for tall calves to Antkonian Dynamite and Rio cattle. Must know hay and irrigation, some sprinklers and some grain plus alfalfa hay. Small feedlot. Top salary, house and utilities furnished. Health insurance, school available. Excellent job for the right man. Write Ad Dept. 688 c/o W.L.J.

**YOUNG FAMILY MAN** for about 100 head cattle, 6 horses, 3 acres fruit trees. Pretty, shaded valley, about 1 hour from Los Angeles, 15 minutes from Lancaster Palmdale. 4 seasons. Nice living quarters. Want reliable individual, good permanent position. Salary open. Call: 213/837-4533.

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Located in south central Oregon in a scenic valley. Total beef production estimated at 12,000 pure animal units. Over 20,000 acres of dead-end irrigated or sub-irrigated from creeks. Possibility of further development. Ranch and BLM rights all contiguous. Several sets of improvements. Flexible operation that can "warm up" the calves from ranch raised feed. Machinery operation and vehicles included. Management available. Priced at \$1,000,000 with terms. Cattle and feed at market prices. Inspection of ranch by appointment only to qualified buyers.

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**DAIRY SHOWPLACE** Can New and fully automated. Has milk up to 720 cows per day. Can milk up to 200 cows per day. 145 acres, south of Oroville, California. Sprinkled purebred gaiting system and 2,000,000 ranch plus home. \$2,000,000. Owner will finance or trade. Call Wayne Rogers Real Estate, 925 Woodleaf Star Rd., Corvallis, OR 97331. 503/868-2841.

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